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CUSTOMER NUMBER

PATENT

Docket No: 1004435-001US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s) :	Timothy Cameron RALPH Elanor HUNTINGTON	Confirmation No.: 5231
Serial No. :	10/577,799	Group Art Unit: 2872
Filed :	November 28, 2006	Examiner: Jade R. Callaway
For :	COMPONENTS FOR OPTICAL QUBITS IN THE RADIO FREQUENCY BASIS	

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

AMENDMENT AND RESPONSE TO FINAL OFFICE ACTION

SIR:

This responds to the **Final Office Action** mailed on September 4, 2009.

This paper is being filed within two months from the date of the Final Office Action.

Accordingly, if the claims are not allowable based upon the amendments herein, an Advisory Action is respectfully requested.

Amendments to the claims are reflected in the listing of claims which begins on page 2 of this paper.

Remarks begin on page 5 of this paper.